BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

NAME OF THE WORK RE- CONSTRUCTION OF CEMENT CONCRETE ROAD AT JODIDAR NARASIMAIAH LAYOUT AT BAGALAGUNTE WARD NO 14

Sl. No.	Description	Dimensions				Est. Cost	5000000.00	
		No.	L.	B.	D	Qty.	Rate	Amount
1	2	3	4	5	6	7.00	8	9
I	For Drain							
1	KSRRB 300-1 : Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications. MORTH /Chapter 3 (Page No.142, Item No. 19.1)							
	For drains	1x2	100.00	0.60	0.50	60.00		
		2	85.00	0.60	0.50	51.00		
						111.00	86.92	9648.00
							Per CUm	
	Basic Rate	82.00						
	Add 6% A.W	4.92						
	Total	**86.92**						
2	Removing B.S slab of Drain and stacking (Page No.25, Item No. 5.32)							
	For drains	1x2	100.00	1.35		270.00		
		2	85.00	1.35		229.50		
						499.50		
	Consider 80% New slabs					**399.60**		
					Net qnty	**99.90**	65.72	6565.00
							Per Sqm	
	Basic Rate	62.00						
	Add 6% A.W	3.72						
	Total	**65.72**						

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Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
3	KSRB 4 - 1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.12, Item No. 4.3)							
	For drains	1x2	100.00	0.45	0.15	13.50		
		2	85.00	0.45	0.15	11.48		
						24.98	5159.02	128847.00
							Per Cum	
	Basic Rate	4867.00						
	Add 6% A.W	292.02						
	Total	**5159.02**						
4	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 7.5 cms thick (Page No.25, Item No. 5.31.1)							
	Qty vide item no 2 new					**399.60**		
						399.60	665.68	266006.00
							Per Sqm	
	Basic Rate	628.00						
	Add 6% A.W	37.68						
	Total	**665.68**						
5	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (Page No.13, Item No. 4.7)							
	For drains	2x2	100.00	0.20	0.05	4.00		
		2x2	85.00	0.20	0.05	3.40		
	Drain bed	1x2	100.00	0.45	0.10	9.00		
		1x2	85.00	0.45	0.10	7.65		
						24.05	5598.92	134654.00

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Sardar Narasimhaiah layout

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Basic Rate						Per Cum	
	Add 6% A.W	5282.00						
	Total	316.92						
		5598.92						
6	KSRB 5-14.1 : Providing and construction load bearing wall with solid concrete block of Size 400x200x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1) : 2005 and constructed CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges scaffolding, curing, hire charges of machineries etc., Complete as specification(Page No.25, Item No. 5.27.1)							
	For drains	2x2	100.00	0.40		160.00		
		2x2	85.00	0.40		136.00		
						296.00	993.22	293993.00
	Basic Rate	937.00					Per Sqm	
	Add 6% A.W	56.22						
	Total	**993.22**						
7	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete for 10 cms thick (Page No.25, Item No. 5.31.2)							
	For Covering slabs	1x2	100.00	0.90		180.00		
		2	85.00	0.90		153.00		
						333.00	825.74	274971.00
	Basic Rate	779.00					PerSqm	
	Add 6% A.W	46.74						
	Total	**825.74**						
8	KSRB 5-8.2: Providing two line dressing to granite stone slab/granite stone masonry as per specification. KBS 5.1.13 (Page No.24, Item No. 5.18)							
	Qty vide item no 7					333.00		
						333.00	963.54	320859.00
							Per Sqm	

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A L Tender for Narasimhaiah Layout

Sl. No.	Description	Dimensions No.	L.	B.	D	Qty.	Rate	Amount
	Basic Rate	909.00						
	Add 6% A.W	54.54						
	Total	963.54						
9	Providing Machine cutting to BS slabs							
		2	100.00			200.00		
		2	85.00			170.00		
						370.00		
		370/0.6				616.67	Nos	
	DATA RATES APPROVED Rs 60.00 per miter		617.x 3.00			1850.00	60.00	111000.00
							Rmt	
10	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete. of size 450 x 200 x 400 mm (Page No.25, Item No. 5.29.1)							
		2	100.00			200.00		
		2	85.00			170.00		
						370.00		
				370.00	/ 0.45	822.22		
					Say	823.00	385.84	317546.00
							Nos	
	Basic Rate	364.00						
	Add 6% A.W	21.84						
	Total	385.84						
11	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after throughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. (Page No.122, Item No.15.80)							
		2	100.00	0.40		80.00		
		2	85.00	0.40		68.00	27.52	4079.00
						148.00	29.72	4399.00
							Per Sqm	

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AL Tadipatri Narasimhaiah Layout

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Basic Rate							
	Add 6% A.W	26.00						
	Total	3.72						
		29.72						
12	KSRB 15-19.2 : Providing and applying spary painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materiasl, labour, complete as per specifications. (Page No.122, Item No.15.81)							
	Qty vide item no 11					148.00		
						148.00	69.96	10354.00
	Basic Rate	66.00					Per Sqm	
	Add 6% A.W	3.96						
	Total	**69.96**						
II	**For Roads**							
13	KSRRB 300-52.1 : Scarifying the existing granular road surface to a depth of 50mm and disposal of scarified material within all lifts and leads upto 1000 metres complete as per specifications. MORTH specifications No.305.4.3 (Page No.148, Item No. 19.58)							
		1	140.00	6.00		840.00		
		2	100.00	4.50		900.00		
						1740.00	21.20	36888.00
	Basic Rate	20.00					Per Sqm	
	Add 6% A.W	1.20						
	Total	**21.20**						

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Narasimhaiah layout

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
	Total	No.	L.	B.	D			
		5508.82						
16	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift (Page No.178, Item No. 22.7)							
		1	140.00	6.00		840.00		
		2	85.00	4.50		765.00		
						1605.00	95.40	153117.00
	Basic Rate	90.00					~~Per Cum~~	
	Add 6% A.W	5.40					Say	
	Total	95.40						
17	Providing groove cutting for width of 5mm to 10mm and depth 80mm-100mm including cost of cutting machine, generator & HOM of machinery, including cost of cutting machine, generator & HOM of machinery, including cost of blade, coolant etc., including cleaning of groove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all materials, labour, lead and lift charges and all other incidental charges as per drawing and as per specifications. for concrete pavement (Page No.178, Item No. 22.8.1)							
		36	6.00			216.00		
		28	4.50			126.00		
						342.00	121.90	41690.00
	Basic Rate	115.00					~~Per Sqm~~	
	Add 6% A.W	6.90					Rubs	
	Total	121.90						
18	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4KM a) Basic rate for haulage of materials as per item No. 17.4/ KSRRB: M100-4,1 ... Rs. 2.00 Tonne / Km b) Average earth of work 1.28 Tonne / Km Rs, 2.00 c) Add loading and unloading Page. No. 133 Item No. 17.1 PWD SR 2016-17							

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Jodidar Narasimhaiah Layout

Sl. No.	Description	Dimensions				Qty.	Rate	Amount
		No.	L.	B.	D			
	Qty vide item no 1					111.00		
	qty vide item no 13		1740.00		0.5	870.00		
						981.00		
	Loading and unloading					981.00	82.93	81359.00
	Lead 4 KMs 2x1.28x4	68.00					Per Cum	
		10.24						
	Add A W 6 %	78.24						
	Tota	4.69						
		82.93						
						Sub Total		4759888.00
19	Add : Tender Premium							4760178.00
								238009.00
20	Miscellaneous and unforeseen charges							2199.00
								1813.00
						GRAND TOTAL Rs.		5000000.00

CERTIFICATE

1 The work spot have been inspected by me and work is found to be necessary.
2 This estimate is prepared as per the PWD & IWTD CSR of 2016-17
3 This work is not split up
4 The provisions were made in this estimate are adequete and essential
5 This works comes under BBMP Limits

Asst.Engineer
Ward No. 14

Asst.Executive Engineer
T.Dasarahalli Sub Division
B.B.M.P.

Executive Engineer
Dasarahalli Division
B.B.M.P.

ನಂ. EE/DD/AS/66/17-18 ದಿನಾಂಕ : 01-09-17
ರೂ. 50,00,000/- (Rupees Fifty lakhs Only)
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ.CE ಗಸ|17-18/12-18 ದಿನಾಂಕ : 25/9/17
ರೂ. Rs. 50.00 lakhs ONLY/-
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

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